

# Wheel Components

WAC 296-864-200

## Section Contents

### YOUR RESPONSIBILITY:

**To make sure rim wheels are serviced safely**

#### **You must**

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# Wheel Components

WAC 296-864-200

## Rule

**WAC 296-864-20005**

**Make sure wheel components are compatible**

### You must

- Make sure tires and rim wheels are compatible before assembly.
  - Make sure split rim wheel components aren't interchanged, except as provided in:
    - The Occupational Safety and Health Administration (OSHA) and National Highway Traffic Safety Administration (NHTSA) charts, "Demounting and Mounting Procedures for Truck/Bus Tires" and "Multi-Piece Rim Matching Chart"
- or**
- The rim manual for that component.



#### Note:

- Reprints of these charts, "Demounting and Mounting Procedures for Truck/Bus Tires" and "Multi-Piece Rim Matching Chart," are available:
  - Through the WISHA Training and Outreach office at 360-902-5638.
  - Through the OSHA area offices. The address and telephone number of the nearest OSHA area office can be obtained by looking in the local telephone directory under U.S. Government, U.S. Department of Labor, Occupational Safety and Health Administration.
  - From the OSHA website at <http://www.osha.gov/pls/publications/pubindex.continue>.
  - Through U.S. Postal Service at:  
Publications Office  
U.S. Department of Labor  
Room N3101  
Washington D.C. 20210  
Telephone: 202-523-9667



# Wheel Components

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## Rule

### WAC 296-864-20010

#### Make sure rim wheels are serviced safely

##### You must

- Inspect split rim wheel components and single-piece wheels prior to assembly.
- Make sure the following are free of any dirt, surface rust, scale or loose or flaked rubber build-up prior to mounting and inflation:
  - Rim flanges
  - Rim gutters
  - Rings
  - Bead seating surfaces**and**
  - The bead areas of tires.
- Make sure you don't heat any rim wheels at any time.
- Make sure you don't repair any rim wheel that's:
  - Cracked
  - Broken
  - Bent**or**
  - Damaged.



##### Note:

- Repair includes activities such as striking with a hammer and heating rim wheel components.

-Continued-

Wheel Components



# Wheel Components

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## Rule

### WAC 296-864-20010 (Continued)

- Provide and make sure that an air line assembly consisting of the following components is used for inflating tires:
  - A clip-on chuck
  - An in-line valve with a pressure gauge or a presettable regulator**and**
  - A sufficient length of hose between the clip-on chuck and the in-line valve, if one is used, to allow the employee to stand outside the trajectory.



#### Reference:

- For additional requirements relating to compressed air tools, see WAC 296-807-140, Compressed air tools, in portable power tools.

### WAC 296-864-20015

#### Make sure damaged wheel components are not used

#### You must

- Make sure any wheel or wheel component that's bent out of shape, pitted from corrosion, broken or cracked is:
  - Not used
  - Marked or tagged unserviceable**and**
  - Removed from the service area.
- Replace damaged or leaky valves.

